

IN THE CLAIMS

An unmarked copy of the amended claims has been included in an appendix for the Examiner's convenience.

1-27. (Canceled)

28. (**Currently Amended**) A method for determining whether ~~[[a]]~~ particular ~~cellular service is~~ applications are supported by a cellular service provider comprising:

reading a first system identification number ("SID") broadcast in a first frequency band, ~~said the~~ first SID identifying a ~~particular~~ cellular service provider;

determining whether ~~said the~~ first SID matches a SID stored in a SID table;

switching to a second frequency band and reading a second SID broadcast in ~~said the~~ second frequency band if ~~said the~~ first SID does not match a SID stored in ~~said the~~ SID table, wherein ~~said support for the~~ particular ~~cellular service~~ applications is identified if ~~said the~~ first or second SID matches a SID stored in ~~said the~~ SID table; ~~and~~

determining whether ~~a low-priority detection process is sufficient for detecting said support for the~~ particular ~~cellular service support~~ applications needs to be detected quickly if neither ~~said the~~ first nor ~~said the~~ second SID ~~are~~ is identified in ~~said the~~ SID table;

performing ~~the low-priority~~ a first detection process if ~~the low-priority detection process is determined to be sufficient for detecting said~~ support for the particular ~~cellular service support~~ applications needs to be detected quickly; and

performing a ~~high-priority~~ second detection process ~~for detecting said particular cellular service support~~ if ~~the low-priority detection process is determined to be insufficient~~

support for the particular ~~cellular service support is urgent~~ applications does not need to be detected quickly.

29. (Currently Amended) The method of claim 28, wherein ~~said low-priority~~ the second detection process comprises:

listening for cellular pages having an NPA value in a first frequency band, ~~said the~~ NPA value indicating that ~~said the~~ cellular service provider broadcasting in ~~said the~~ first frequency band supports ~~said cellular service~~ the particular applications.

30. (Currently Amended) The method of claim 29, further comprising, if ~~said the~~ cellular page is not detected in ~~said the~~ first frequency band within a period of time:

switching to a second frequency band and listening for cellular pages having ~~said the~~ NPA value in ~~said the~~ second frequency band, ~~said the~~ NPA value indicating that ~~said the~~ cellular service provider broadcasting in ~~said the~~ second frequency band supports ~~said cellular service~~ the particular applications.

31. (Currently Amended) The method of claim 28, wherein ~~said high-priority~~ the first detection process further comprises:

transmitting a page request packet in ~~said the~~ first frequency band to a host across a cellular network; and

receiving a cellular page from ~~said the~~ host in response to ~~said the~~ page request packet, thereby identifying ~~said the~~ cellular service provider broadcasting at ~~said the~~ first frequency band as one which supports ~~said cellular service~~ the particular applications.

32. **(Currently Amended)** The method of claim 31, further comprising updating **said the** SID table to include a SID of **said the** cellular service provider from which **said the** cellular page was received.

33. **(Currently Amended)** The method of claim 31, further comprising, if **said the** cellular page is not received within a predetermined period of time:

switching to a second frequency band and transmitting a second page request packet to a host across a cellular network; and

receiving a cellular page from **said the** host in response to **said the** second page request packet, thereby identifying **said the** cellular service provider broadcasting at **said the** second frequency band as one which supports ~~said cellular service~~ **the particular applications**.

34. **(Currently Amended)** The method of claim 33, further comprising updating **said the** SID table to include a SID of **said the** cellular service provider from which **said the** cellular page was received.

35. (Canceled)

36. **(Currently Amended)** The method of claim 28, wherein **said the** first and second frequency bands are cellular A and B bands, respectively.

37. (Currently Amended) An article of manufacture comprising a machine accessible medium including content that when accessed by a machine causes the machine to:

read a first system identification number (“SID”) broadcast in a first frequency band, ~~said~~ the first SID identifying a ~~particular~~ cellular service provider;

determine whether ~~said~~ the first SID matches a SID stored in a SID table;

switch to a second frequency band and read a second SID broadcast in ~~said~~ the second frequency band if ~~said~~ the first SID does not match a SID stored in ~~said~~ the SID table, wherein [[a)] support for a plurality of particular cellular-service applications is identified if ~~said~~ the SID in ~~said~~ the first ~~of or~~ second frequency bands matches a SID stored in ~~said~~ the SID table; and

determine whether ~~a low-priority detection process is sufficient for detecting said~~ support for the particular cellular-service support applications needs to be detected quickly if neither ~~said~~ the first nor ~~said~~ the second SID ~~are~~ is identified in ~~said~~ the SID table;

perform ~~the low-priority~~ a first detection process if ~~the low-priority detection process is determined to be sufficient for detecting said~~ support for the particular cellular-service support applications needs to be detected quickly; and

perform a ~~high-priority~~ second detection process ~~for detecting said particular cellular service support~~ if ~~the low-priority detection process is determined to be insufficient~~ support for the particular cellular-service support applications does not need to be detected quickly.

38. (Currently Amended) The article of manufacture of claim 37, wherein ~~said low priority~~ the second detection process comprises:

listening for cellular pages having an NPA value in a first frequency band, ~~said the~~ NPA value indicating that ~~said the~~ cellular service provider broadcasting in ~~said the~~ first frequency band supports ~~said cellular service~~ the particular applications; and

switching to a second frequency band and listening for cellular pages having ~~said the~~ NPA value in ~~said the~~ second frequency band, ~~said the~~ NPA value indicating that ~~said the~~ cellular service provider broadcasting in ~~said the~~ second frequency band supports ~~said cellular service~~ the particular applications.

39. (Currently Amended) The article of manufacture of claim 37, wherein ~~said high~~ priority the first detection process comprises:

transmitting a page request packet in ~~said the~~ first frequency band to a host across a cellular network; and

receiving a cellular page from ~~said the~~ host in response to ~~said the~~ page request packet, identifying ~~said the~~ cellular service provider broadcasting at ~~said the~~ first frequency band as one which supports ~~said cellular service~~ the particular applications.

40. (Currently Amended) The article of manufacture of claim 39, further comprising a machine accessible medium including content that when accessed by a machine causes the machine to update ~~said the~~ SID table to include a SID of ~~said the~~ cellular service provider from which ~~said the~~ page was received.

41. **(Currently Amended)** The article of manufacture of claim 39, further comprising a machine accessible medium including content that when accessed by a machine causes the machine to, if ~~said~~ the cellular page is not received within a predetermined period of time:

switch to a second frequency band and transmitting a second page request packet to a host across a cellular network; and

receive a cellular page from ~~said~~ the host in response to ~~said~~ the page request packet, identifying ~~said~~ the cellular service provider broadcasting at ~~said~~ the second frequency band as one which supports ~~said cellular service~~ the particular applications.

42. **(Currently Amended)** The article of manufacture of claim 41, further comprising a machine accessible medium including content that when accessed by a machine causes the machine to update ~~said~~ the SID table to include a SID of ~~said~~ the cellular service provider from which ~~said~~ the page was received.